USER MANUAL

Airbridge WiFi HD Adapter

Model No：HDCN0026M1

Enjoy the vivid world!

REMARK

Manufacturer does not make any commitment to update the information contained herein.

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Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The products are designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

This product will let the user experience of transmitting the HD content by wireless, which also can allow the user to view any PC / Mobile phone information on a compatible TV by the WIFI network. This product is compatible with IEEE802.11 b/g/n standards, which can be connected with other wireless devices which meet the standard. The pc only needs to install wireless network card，and then it can work. In addition, the adapter supports 2-channel HDMI high-definition signal source input, can be suitable for use in multi signal source.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

INTRODUCTION

FEATURES：

- Supports 2 HDMI input ports and 1 Wireless HD input. Support 1 HDMI output port.
- Supports automatically detect the display device and switch for HDMI input ports.
- HDMI video resolution up to 4Kx2K/30Hz, support 3D.
- Support digital audio formats: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/DOLBY-AC3/DSD
- Wireless input resolution up to 1080P/30Hz.
- After installing the APP, wirelessly send photo, music, movie and documents from your PC/Mobile phone to an HDTV
- Supports DLNA, EZMirror(Miracast) and EZAir(AirPlay) connection, easy to share the wonderful contents in PC/Mobile phone
- Support multiple types of operating system, e.g. Win XP, Win Vista, Win7/8, Windows Phone, Android, iOS, Mac OS etc.
- Support online firmware update and we will put them into development roadmap.
- Multi language menu
- Support external IR remote control
- DC5V/2A power adapter

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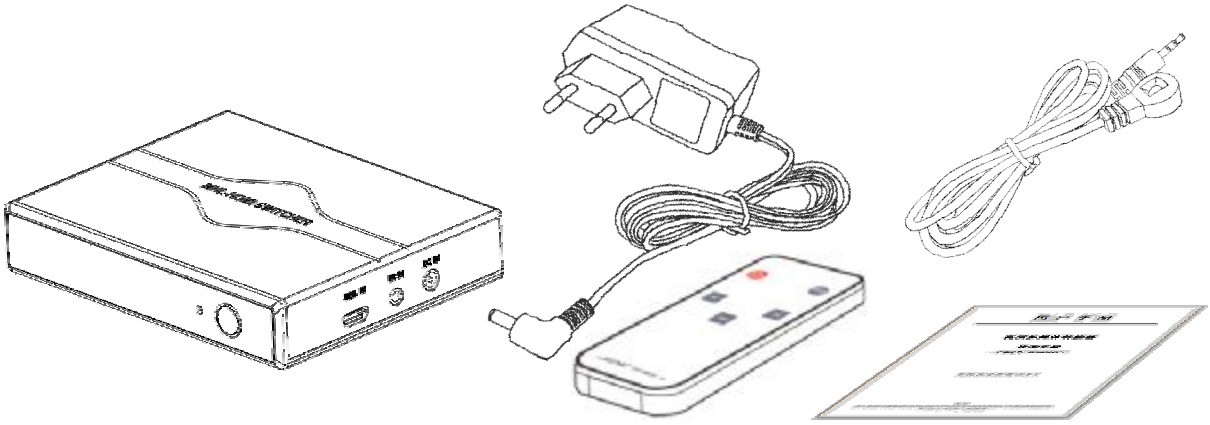
PACKAGE CONTENTS:

1. Main unit 1pcs
2. 5V DC power adapter 1pcs
3. Remote controller 1pcs
4. User manual 1pcs
5. User manual 1pcs



FEATURES OF THE INTERFACE:

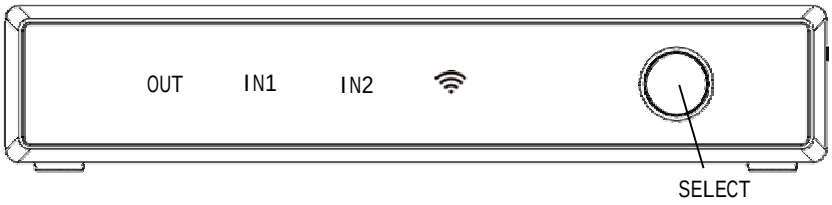


FIG.1.0 Front Panel View

OUT: HDMI output port indicator

IN1: HDMI IN1 input port indicator

IN2: HDMI IN1 input port indicator

: WiFi input mode indicator

SELECT: Source selection and standby

(keep press for 3 seconds is to standby)

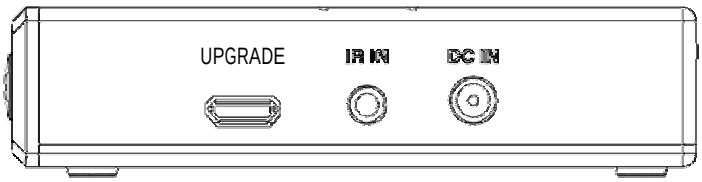


FIG.1.1 Right Panel View

UPGRADE: Software upgrade port (factory use only)

IR IN: External IR receiver jack

DC IN: 5V DC in jack

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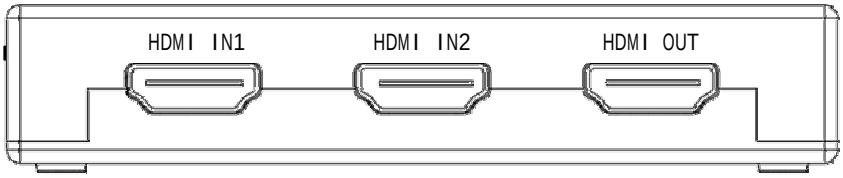

FIG.1.2 Rear Panel View

HDMI IN1: HDMI input port1

HDMI IN2: HDMI input port2

HDMI OUT: HDMI output port

: Power on/standby

INPUT: Source selection key

IN1: Select the HDMI IN1 input

IN2: Select the HDMI IN2 input

WiFi: Select WiFi input mode

(Note: Use after the battery separator film is pulled out)

FIG iew

OPERATIONG AND CONNECTION:

1. Connect one HDMI cable from DVD/BD output into the adapter HDMI input.
2. Connect one HDMI cable from each display (monitor or projector) into the adapter HDMI output.
3. Insert the external IR receiver into the IR IN jack.
4. Connect 5V power supply to the adapter and inserted into the power socket.
5. Power on and use of select key or remote controller to select the input signal source.
6. When you first time using Airbridge WIFI HD Adapter, you need to install client software on your PC/ PAD/ mobile phone.

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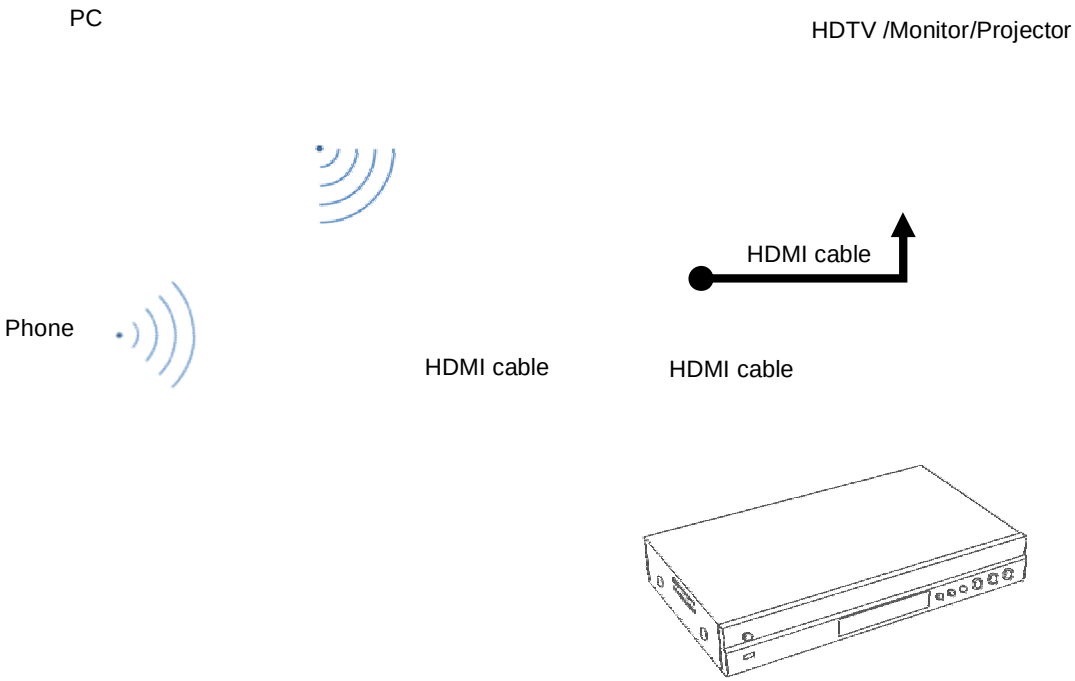

FIG.1.4 CONNECTION DIAGRAM

Wireless connection operation guide：

When you first time using Airbridge WIFI HD Adapter, you need to install client software on your PC/ PAD/ mobile phone. Please confirm the OS version and hardware configuration before installation，then select the appropriate software installation．refer to the table below:

OS	OS Version	hardware requirements	Client Softwave	Download address
Windows	XP SP3 /Vista SP2 /7 SP1/8	CPU Dual Core 2 GHz / 64MB VRAM or above	EZCast_Win.exe	www.iezvu.com/download
Windows Phone	Windows Phone 8.1 above	CPU 1GHz/DDR 1GB or above	EZCast .xap	search the App name “EZCast” in Windows Phone Store or download app from www.windowsphone.com
Mac OS	MacOS10.8 above	CPU Dual Core i1.4 GHz/64MB VRAM or above	EZCast_Mac OS.pkg	www.iezvu.com/download
Android	Android 4.0 above	CPU 1GHz/DDR 1GB or above	EZCast.apk	Scan the QR code on display or search the App name “EZCast” in Google Play
iOS	iOS 6.0 above	iPhone4/4S/5 iPad2/New Pad/iPad4 iPod touch 4...	EZCast.ipa	Scan the QR code on display or search the App name “EZCast” in App Store

1. Adapter connect to TV

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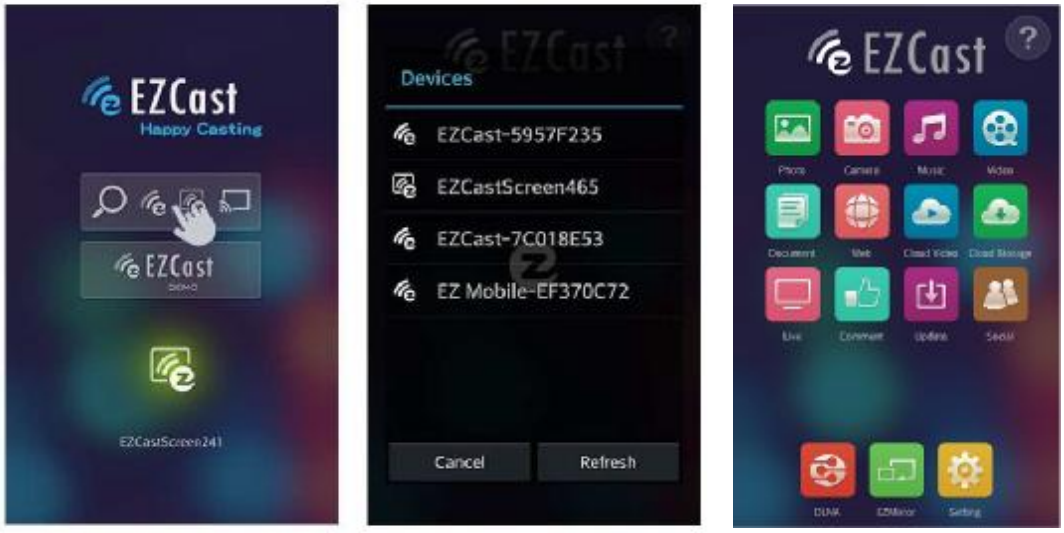
After connect one HDMI cable from each display into the adapter HDMI output, and press the "SELECT" button switch to the wireless input mode. Then TV show the following picture:

2. Client device connect to adapter

The first, open the client device WLAN. Before you start the app, we suggest connect your Android device's WiFi with adapter SSID (e.g. EZCast-xxxxxxxx)，and enter the password. The information of SSID and password will be displayed on the TV screen. Each adapter will have only SSID name and password. When you execute the app, click "Find device" to discover EZCast receiver and start to cast. In the device list click search to the SSID connection. After the connection is ok, the display will show the interface below



3. Setting Menu

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In setting function, you can setup EZCast Receiver's configurations including output resolution, change SSID password, setup router connection for internet surfing, ect. Then client device into a virtual remote interface.

To change the option through the virtual remote controller, click the "Key" icon will display the virtual keyboard.

When you change the output resolution and click OK, the adapter will automatically restart and use the new resolution output. By the internet setup to a bridge for your Android device to access the internet, so you can browse Webpage and playing online video. After the connection is ok, it will display an icon on the TV screen. The adapter supports On-The-Air upgrade. You can upgrade your adapter to the latest version by selecting "Upgrade".

4. Functions Introduce

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Photo

In Photo viewer, you can select photo and it will be displayed on your TV.

Support brush graffiti and storage.

Camera

you can mirror the camera photographing onto the display.

Support the capture and storage.

Music

The music player allows you to stream music through WiFi, and support playlist.

Support pause and adjust the volume.

Video

You can stream your own video wirelessly to the display.

Support pause and adjust the volume.

Document

The document viewer can support MS-OFFICE,PDF and apple's iWorks.

Support brush graffiti and save it as a picture.

Web

You can surf the internet and mirror the web pages onto the display wirelessly.

You can also fling the news to the display by clicking web news.

Cloud Video

You can flinging the video to the display directly by clicking the web video

DLNA

The adapter integrates DLNA DMR (Digital Media Reader) for DLNA APP. When you click DLNA button, there will be a pop- up support list, if you have installed the DLNA app in the list, you can switch to it immediately.

EZMirror(EZAir of iOS)

EZMirror is fully compatible with Miracast (EZAir compatible with AirPlay). you can click the EZMirror button in EZCast app, and the receiver will be switched to Miracast mode. Miracast standard mirrors the screen onto the display.

Note: not all Android devices support the Miracast function, the details please consult your to devices manufacturers.

About the products more information, please refer to the https://www.iezvu.com.

SPECIFICATIONS: HDCN0026M1

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HDMI output resolution……...4Kx2K/30Hz,1080p/1080i/720p/576p/576i/480p/24/30/50/60Hz

Support video color format ……24bit/deep color 30bit/36bit

HDMI audio format……..DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD

Wireless Frequency range……2.4～2.4835GHz

Wireless transmission rate…… 150Mbps

Wireless transmit power……15dBm (MAX TX)

Wireless transmission distance……..…10m (Indoor and no obstacle)

Transmission delay……..≤200ms（Related to PC performance, may be greater than this value）

HDMI max bandwidth……..250MHz

HDMI max baud rate……7.5Gbps

Input/Output TMDS signal ……0.5~1.5Volts p-p（TTL）

Input/Output DDC signal ……5Volts p-p (TTL)

HDMI output cable distance…….....≤15m AWG26 HDMI standard cable

Max working current……..500mA

Power adapter format Input……AC 100V～240V 50HZ/60HZ; DC5V/2A

Operating Temperature range……....0 to +40℃

Storage Temperature range……....-20 to +60℃

Operating Humidity range……10 to 90%RH (No Condensation)

Storage Humidity range……..5 to 95%RH (No Condensation)

Case size (L x W x H) ……..95x77x18.5 (mm)

Weight……85g

Notes:

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Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adapter with the wet hands is prohibited.
4. Pls hold the power adapter head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machines not used for long time.
6. Don't open the cover and do not touch the inside parts.
7. Don't put any objects on the product top or side, especially the metal objects.
8. Pls use the original factory power adapter.

FAQ:

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

No.	Problem Description	Solutions
1	No screen display	1. Check signal source channel selection is correct 2. Confirm the output resolution settings are correct 3. Check cable's specification and length 4. Check the device was in the standby state
2	Can't connect to Internet or AP not found	1. Check the wireless is ON and connected to the Internet 2. Please check the wlan settings of wireless router are reasonable 3. Please check the Internet settings of adapter are correct 4. Please try to adjust the distance and position between devices
3	Device not found or EZ Cast is not working	1. Check the wireless is ON and connectors are plugged in correctly 2. Confirm the client software is normal installed and running, can try to update 3. Check the network connection, and try to adjust the distance and position between devices 4. Make sure you restart your computer after the driver installation.
4	Image mosaic or not smooth	1. Check the network connection, and try to adjust the distance and position between devices 2. Confirm the configuration and performance of PC/phone, can't run multiple tasks 3. Confirm the source format
5	system failure or slow	1. Operation too fast, system can't be timely response 2. Confirm the configuration and performance of PC/phone 3. When the system failure, please restart the device

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